

Specification Details:

Date: 9/15/2008

Specification: MIL-PRF-55110
 Title: Printed Wiring Board, Rigid
 Federal Supply Class (FSC): 5998
 Conventional: Yes
 Specification contains quality assurance program: No
 MIL-STD-790 Established Reliability & High Reliability: No
 MIL-STD-690 Failure Rate Sampling Plans & Procedures: No
 Weibull Graded: No
 Specification contains space level reliability requirements: No
 Specification allows test optimization: No

Contact Information:

DSCC Office of Primary Involvement: Electronic Devices Team, DSCC-VQE
 Primary DSCC-VQ Contact: 614-692-0627, e-mail: vqe.ls@dla.mil
 Secondary DSCC-VQ Contact: 614-692-0631, e-mail: vqe.bw@dla.mil

Notes:

Effective 31 December 1998, MIL-PRF-55110 has been declared "Inactive for New Design." For new design, use MIL-PRF-31032. This is applicable on all acquisitions to which MIL-PRF-55110 is applied.

Extent of Qualification Qualification of a particular board type shall be extended to cover all conductor patterns of that same board type produced. Qualification of type 3 boards shall be extended to cover type 1 and type 2 boards. Qualification of type 2 boards shall be extended to cover type 1 boards. Qualification with type GF base material shall be extended to cover types GB and GH base materials. Qualification with type GR base material shall be extended to cover type GP base material. Qualification with type GY base material shall be extended to cover types GT and GX base materials. Qualification with type SC base material shall be extended to cover type GC base material. Qualification with type GX base material shall be extended to cover type GT base material. Qualification with types AF, BF, GB, GC, GH, GI, GM, or QI base material shall cover that material only.

a. The last six digits of the Qualification Reference Number (QRN) is the qualification expiration date in "mmddyy" format (e.g. 55110-1234-042211 expires on April 22, 2011).

b. An asterisk (*) adjacent to the QRN denotes that the product was tested for and meets the etchback requirements.

c. An exclamation (!) adjacent to the QRN denotes qualification through Appendix B of MIL-PRF-55110. There is no qualification expiration date. See QML-31032 for detailed information about this company's capabilities.

d. A pound sign (#) adjacent to the QRN denotes that the qualification vehicle was built using foil lamination technology. The specimen was tested for and meets peel strength requirements.

Base Material:

AF - Aramid Fabric, Woven, Majority Polyfunctional Epoxy Resin
 BF - Aramid Fabric, Nonwoven, Epoxy Resin
 BI - Aramid Fabric, Nonwoven, Polyimide Resin
 GB - Glass Base, Woven, Majority Polyfunctional Epoxy Resin, Hot Strength Retention
 GC - Glass Base, Woven E, Reinforcement, Majority Cyanate Ester, Flame Resistant
 GF - Glass Base, Woven, Majority Difunctional Epoxy Resin, Flame Resistant
 GH - Glass Base, Woven, Majority Polyfunctional Epoxy Resin, Hot Strength Retention, Flame Resistant
 GI - Glass Base, Woven, Polyimide Resin, Heat Resistant
 GM - Glass Base, Woven, Triazine and/or Bismaleimide Modified Epoxy Resin, Flame Resistant
 GR - Glass Base, Nonwoven, Polytetrafluoroethylene Resin, Flame Resistant
 GX - Glass Base, Woven, Polytetrafluoroethylene Resin, Flame Resistant
 GY - Glass Base, Woven, Polytetrafluoroethylene Resin, Flame Resistant, for Microwave Application
 QI - Quartz Base, Woven, Polyimide Resin, Heat Resistant
 SC - Glass Base, Woven S-2, Fiber, Majority Cyanate Ester, Flame Resistant

Part Configuration:

Listed by classification type and base material.

Part Listings:

SUPPLIER'S NAME (ADDRESS ON LAST PAGE)	QUALIFICATION REFERENCE NUMBER AND EXPIRATION DATE (MM/DD/YY)	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)	QUALIFICATION REFERENCE NUMBER AND EXPIRATION DATE (MM/DD/YY)
AF (TYPE 3)		BF (TYPE 3)	
Coretec-Cleveland	55110-31032!*	Cosmotronic	55110-31032!*
Lockheed Martin Systems Integration	55110-31032!*	TTM Technologies (Stafford)	55110-31032!
TTM Technologies (Stafford)	55110-31032!		

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BI (TYPE 3)		GF (TYPE 3)	
Accurate Engineering Corp.	55110-1284-022109*	GPV Printca A/S	55110-2308-072811#
Coretec-Cleveland	55110-31032!*	Graphic Research, Inc.	55110-2041-011111*#
Cosmotronic	55110-31032!*	Hans Brockstedt GmbH	55110-31032!*
Firan Technology Group	55110-31032!*	Holaday Circuits, Inc.	55110-1948-062210*#
FTG Circuits (Chatsworth)	55110-2200-051911*#	Hughes Circuits	55110-31032!
Holaday Circuits, Inc.	55110-1765-010310*	Hunter Technology	55110-1710-051909*#
Lockheed Martin Systems Integration	55110-31032!	IMI, Inc.	55110-1842-041310*
North Texas Circuit Board	55110-1248-072208*	Integrated Technology, Ltd. (ITL) Circuits	55110-2172-040411*
Sovereign Circuits, Inc.	55110-31032!*	Invotec Circuits Tamworth, Ltd.	55110-U099-041910
TTM Technologies (Santa Clara)	55110-31032!*	ISU Petasys Corp.	55110-2268-081511*#
TTM Technologies (Stafford)	55110-31032!*	KCA Electroics, Inc.	55110-2182-061611*
GF (TYPE 2)		Lazer-Tech, Ltd.	55110-082060-011011*#
Circuit Services, Inc.	55110-1714-072009	Lockheed Martin Systems Integration	55110-31032!*
Cirexx International, Inc.	55110-31032!	Marlo Electronics, Inc.	55110-1976-110210*#
GF (TYPE 3)		Melta, Ltd.	55110-IL05-031210#
A & C Electronics	55110-2235-052811*	Merix Corp.	55110-2123-030511*#
Accurate Circuit Engineering	55110-31032!*	Metaplast Circuits, Ltd.	55110-2068-032711*
Accurate Engineering Corp.	55110-2015-100510*#	Micom Circuits West	55110-1282-080108*#
American Standard Circuits	55110-31032!#	Micom Corp.	55110-31032!
Amphenol Printed Circuits	55110-31032!*#	Micropack, Ltd.	55110-1N421-072809*
Aselsan Military Electronics Industries, Inc.	55110-2026-020411	Midwest Printed Circuits Services	55110-1770-122209*#
Calumet Electronics Corp.	55110-31032!*	Multilayer Technology-JVB Electronics	55110-2086-031111*#
Cidav Printed Circuits Ltd.	55110-IL01-072411#	Network Circuits, Inc.	55110-1564-022309
Circuit Express, Inc.	55110-2048-122010*#	North Texas Circuit Board	55110-2059-021911*#
Cirtech, Inc.	55110-2142-053011*	PCB Technologies	55110-IL001-042509*
Colonial Circuits, Inc.	55110-31032!*#	Philway Products, Inc.	55110-31032!#
Compunetics, Inc.	55110-1696-061409*	Pho-Tronics, Inc.	55110-1433-102408*#
Coretec, Inc.	55110-31032!	Pioneer Circuits, Inc	55110-2017-120710*
Coretec-Cleveland	55110-31032!#	Pro-Tech Interconnect Solutions LLC	55110-1691-071909*#
Coretec-Denver	55110-31032!*#	Prototron Circuits Southwest, Inc.	55110-1729-090509*
Cosmotronic	55110-31032!*#	RJR Circuits, Inc.	55110-1780-102609*#
Delta Circuit Technology, Inc.	55110-1869-022710*	Rockwell Collins	55110-1764-081009*#
Diversified Systems, Inc.	55110-31032!*#	Ruwel AG/Werk Schoeller	55110-Z1508-051909
Dynaco Corp	55110-31032!*#	Sanmina-SCI, Costa Mesa	55110-31032!*#
Dynamic & Proto Circuits, Inc.	55110-31032!	Sanmina-SCI, San Jose	55110-31032!*#
Dynamic Details, Inc. (Anaheim)	55110-2063-101110*#	Sierra Midwest, Inc.	55110-2039-062411#
Dynamic Details, Inc. (Dulles)	55110-31032!*	Sierra Proto Express	55110-1917-061710*#
Dynamic Details, Inc. (Milpitas)	55110-2131-021311*#	South Coast Circuits	55110-2211-062511*#
Electro Plate Circuitry, Inc.	55110-31032!*#	Sovereign Circuits, Inc.	55110-31032!*#
Electrotek Corp.	55110-31032!	Speedy Circuits, Inc.	55110-31032!*#
Elreha Printed Circuits Corp.	55110-1378-101208*#	Thales Nederland B.V.	55110-2110-051911#
Endicott Interconnect Technologies, Inc.	55110-31032!*#	Time Sensitive Circuits, Inc.	55110-31032!*#
FTG Circuits (Chatsworth)	55110-2199-051911*#	TTM Technologies (Redmond)	55110-31032!*#
Global Innovations Corp.	55110-31032!*#	TTM Technologies (Santa Ana)	55110-31032!*#
GPV Chemitalic	55110-2024-030511#	TTM Technologies (Santa Clara)	55110-31032!*#

SUPPLIER'S NAME (ADDRESS ON LAST PAGE)	QUALIFICATION REFERENCE NUMBER AND EXPIRATION DATE (MM/DD/YY)	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)	QUALIFICATION REFERENCE NUMBER AND EXPIRATION DATE (MM/DD/YY)
GF (TYPE 3)		GI (TYPE 3)	
TTM Technologies (Stafford)	55110-31032!*	IMI, Inc.	55110-1841-041310
U.S. Circuit, Inc.	55110-1417-022109*	Integrated Technology, Ltd. (ITL) Circuits	55110-061753-083109*
Universal Circuits, Inc.	55110-1876-111310*#	Invotec Circuits Tamworth, Ltd.	55110-U098-011709
Valley Syncom Circuits	55110-2202-051911*#	ISU Petasys Corp.	55110-2269-081511*#
Vermont Circuits, Inc.	55110-2203-061911*#	Johns Hopkins University	55110-1970-080710
Waytec Electronics Corp.	55110-1336-010609*	L-3 Communications Corporation	55110-1402-032709*#
Westak of Oregon	55110-2224-053011*#	Lockheed Martin Systems Integration	55110-31032!*
WR-ALC/MAIPL	55110-1485-042609*	Melta, Ltd.	55110-IL01-092610*
W-Tek, Inc.	55110-2127-032111*#	Metaplast Circuits, Ltd.	55110-2067-032711*
GH (TYPE 3)		Micom Circuits West	55110-1811-070310*#
Eltek, Ltd	55110-IL02-071711	Micom Corp.	55110-31032!*
GI (TYPE 2)		Multilayer Technology-JVB Electronics	55110-2087-053011*#
Cirexx International, Inc.	55110-31032!	Network Circuits, Inc.	55110-1499-062209*
GI (TYPE 3)		North Texas Circuit Board	55110-2058-021311*#
Accurate Engineering Corp.	55110-1283-120508*#	PCB Technologies	55110-IL002-072708*
Amphenol Printed Circuits	55110-31032!*#	Philway Products, Inc.	55110-31032!#
Aselsan Military Electronics Industries, Inc.	55110-2027-020411	Pho-Tronics, Inc.	55110-1434-120208*
CIMULEC	55110-F1652-110809	Pioneer Circuits, Inc	55110-2111-030511*
CIMULEC-CSI Sud Quest	55110-1373-083108	Pro-Tech Interconnect Solutions LLC	55110-1782-010810#
Circuit Express, Inc.	55110-2049-122010*#	RJR Circuits, Inc.	55110-1779-102609*#
Cirtech, Inc.	55110-1907-080710*	Rockwell Collins	55110-1763-081009*#
Colonial Circuits, Inc.	55110-31032!*	Ruwei AG/Werk Schoeller	55110-Z1509-051909
Coretec, Inc.	55110-31032!*	Sanmina-SCI, Costa Mesa	55110-31032!*#
Coretec-Cleveland	55110-31032!*	Sanmina-SCI, San Jose	55110-31032!*#
Coretec-Denver	55110-31032!*#	Sierra Proto Express	55110-1916-082110*#
Cosmotronic	55110-31032!*	South Coast Circuits	55110-2210-062511*#
Diversified Systems, Inc.	55110-31032!*#	Sovereign Circuits, Inc.	55110-31032!*#
Dynaco Corp	55110-31032!*#	Speedy Circuits, Inc.	55110-31032!*#
Dynamic & Proto Circuits, Inc.	55110-31032!	Streamline Circuits	55110-2028-111510*#
Dynamic Details, Inc. (Anaheim)	55110-2062-101110*#	Thales Nederland B.V.	55110-2094-031911#
Dynamic Details, Inc. (Dulles)	55110-31032!*	Time Sensitive Circuits, Inc.	55110-31032!*#
Dynamic Details, Inc. (Milpitas)	55110-1506-122108*#	TTM Technologies (Redmond)	55110-32032!*#
Electro Plate Circuitry, Inc.	55110-31032!*#	TTM Technologies (Santa Ana)	55110-31032!*#
Electrotek Corp.	55110-31032!	TTM Technologies (Santa Clara)	55110-31032!*#
Elreha Printed Circuits Corp.	55110-1484-022309*#	TTM Technologies (Stafford)	55110-31032!*
Eltek, Ltd	55110-IL003-110709	Unicircuit, Inc.	55110-31032!*
Endicott Interconnect Technologies, Inc.	55110-31032!*#	Universal Circuits, Inc.	55110-1877-111310*#
FTG Circuits (Chatsworth)	55110-1537-022809*	W-Tek, Inc.	55110-2127-032111*#
Global Innovations Corp.	55110-31032!*	GI w/Adhesiveless Flex Material (TYPE 3)	
GPV Printca A/S	55110-D1571-120108	FTG Circuits (Chatsworth)	55110-1315-112908*
Graphic Plc	55110-U100-032011	GM (TYPE 3)	
Graphic Research, Inc.	55110-2042-011611*#	Coretec-Denver	55110-31032!*
Hans Brockstedt GmbH	55110-31032!*	Cosmotronic	55110-31032!*
Holaday Circuits, Inc.	55110-1949-062210*#	Philway Products, Inc.	55110-31032!#
Hughes Circuits	55110-31032!	Pho-Tronics, Inc.	55110-1435-112108*#

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GM (TYPE 3)			
RJR Circuits, Inc.	55110-1906-061310*#		
Rockwell Collins	55110-1053-061408*#		
TTM Technologies (Stafford)	55110-31032!		
Universal Circuits, Inc.	55110-1878-111310*#		
GR (TYPE 2)			
Global Innovations Corp.	55110-31032!		
Graphic Research, Inc.	55110-1865-040210		
Speedy Circuits, Inc.	55110-31032!		
GY (TYPE 2)			
Colonial Circuits, Inc.	55110-31032!		
Graphic Research, Inc.	55110-1866-040210		
Rockwell Collins	55110-2046-101610		
Speedy Circuits, Inc.	55110-31032!		
SC (TYPE 3)			
TTM Technologies (Stafford)	55110-31032!		
Woven Glass Reinforced, Hydrocarbon Resin with Ceramic Fill (TYPE 3)			
Colonial Circuits, Inc.	55110-31032!*		
Cosmotronic	55110-31032!*		
TTM Technologies (Santa Clara)	55110-31032!		
TTM Technologies (Stafford)	55110-31032!		

Manufacturer and Supplier Location Information

Manufacturer: A & C Electronics (CAGE Code: 65812)

Location: 18153 Napa Street, Northridge, CA 91325, US

Plant Location: Same Address as Manufacturer

Manufacturer: Accurate Circuit Engineering (CAGE Code: 0MNN9)

Location: 3019 S. Kilson Drive, Santa Ana, CA 92707, US

Plant Location: Same Address as Manufacturer

Manufacturer: Accurate Engineering Corp. (CAGE Code: 1W538)

Location: 8710 TelFair Avenue, Sun Valley, CA 91352, US

Plant Location: Same Address as Manufacturer

Manufacturer: American Standard Circuits (CAGE Code: 4AA34)

Location: RF Division, 475 Industrial Drive, West Chicago, IL 60185, US

Plant Location: Same Address as Manufacturer

Manufacturer: Amphenol Printed Circuits (CAGE Code: 57034)

Location: 91 Northeastern Boulevard, Nashua, NH 03062, US

Plant Location: Same Address as Manufacturer

Manufacturer: Aselsan Military Electronics Industries, Inc. (CAGE Code: T4238)

Location: P.O. Box 101, 06172 Yenimahalle, Ankara, Turkey

Plant Location: Aselsan Military Electronics Industries, Inc., Macunkoy, Ankara, Turkey

Manufacturer: Calumet Electronics Corp. (CAGE Code: 65337)

Location: 25830 Depot Street, Calumet, MI 49913-1985, US

Plant Location: Same Address as Manufacturer

Manufacturer: Cidav Printed Circuits Ltd. (CAGE Code: S7069)

Location: P.O. Box 10191, Naharia, 22001, Israel

Plant Location: Same Address as Manufacturer

Manufacturer: CIMULEC (CAGE Code: 0YWU1)

Location: Zone Industrielle Les Jonquires, F-57365 Ennery, France

Plant Locations:

1. Same Address as Manufacturer
2. CIMULEC-CSI Sud Quest, CAGE Code: 0YWU1, 143 Chemin de Fenouillet, 31200 Toulouse, France

Manufacturer: Circuit Express, Inc. (CAGE Code: 0SX42)

Location: 229 S. Clark Drive, Tempe, AZ 85281-3073, US

Plant Location: Same Address as Manufacturer

Manufacturer: Circuit Services, Inc. (CAGE Code: 0KG54)

Location: #27 24th Street, Kenner, LA 70062, US

Plant Location: Same Address as Manufacturer

Manufacturer: Cirexx International, Inc. (CAGE Code: 4MEG7)

Location: 791 Nuttman Street, Santa Clara, CA 95054, US

Plant Location: Same Address as Manufacturer

Manufacturer: Cirtech, Inc. (CAGE Code: 8K616)

Location: 250 E. Emerson Avenue, Orange, CA 92665, US

Plant Location: Same Address as Manufacturer

Manufacturer and Supplier Location Information

Manufacturer: Colonial Circuits, Inc. (CAGE Code: 6T499)

Location: 1026 Warrentown Road, Fredericksburg, VA 22406-6200, US

Plant Location: Same Address as Manufacturer

Manufacturer: Compunetics, Inc. (CAGE Code: 30598)

Location: 700 Seco Road, Monroeville, PA 15146-5176, US

Plant Location: Same Address as Manufacturer

Manufacturer: Coretec, Inc. (CAGE Code: 3AF82)

Location: 8150 Sheppard Avenue East & 2020 Ellesmere, Scarborough, Ontario M1B 5K2, Canada

Plant Locations:

1. Same Address as Manufacturer
2. 2020 Ellesmere Road, Scarborough, Ontario, Canada M1H 2Z8

Manufacturer: Coretec-Cleveland (CAGE Code: 7Z463)

Location: 7 Ascot Parkway, Cuyahoga Falls, OH 44223, US

Plant Location: Same Address as Manufacturer

Manufacturer: Coretec-Denver (CAGE Code: 75815)

Location: 10570 Bradford Road, Littleton, CO 80127-4211, US

Plant Location: Same Address as Manufacturer

Manufacturer: Cosmotronic (CAGE Code: 63695)

Location: 16721 Noyes Avenue, Irvine, CA 92606-5176, US

Plant Location: Same Address as Manufacturer

Manufacturer: Delta Circuit Technology, Inc. (CAGE Code: 8U401)

Location: 16028 Arminta Street, Van Nuys, CA 91406-1808, US

Plant Location: Same Address as Manufacturer

Manufacturer: Diversified Systems, Inc. (CAGE Code: 5S706)

Location: 3939 West 56th Street, Indianapolis, IN 46254, US

Plant Location: Same Address as Manufacturer

Manufacturer: Dynaco Corp (CAGE Code: 61642)

Location: 1000 South Priest, Tempe, AZ 85281-5238, US

Plant Location: Same Address as Manufacturer

Manufacturer: Dynamic & Proto Circuits, Inc. (CAGE Code: 38898)

Location: 869 Barton Street, Stoney Creek, On L8E 5G6, Canada

Plant Location: Same Address as Manufacturer

Manufacturer: Dynamic Details, Inc. (Anaheim) (CAGE Code: 0BSG1)

Location: 1220 N. Simon Circle, Anaheim, CA 92806, US

Plant Location: Same Address as Manufacturer

Manufacturer: Dynamic Details, Inc. (Dulles) (CAGE Code: 0K703)

Location: 1200 Severn, Dulles, VA 20166-8904, US

Plant Location: Same Address as Manufacturer

Manufacturer: Dynamic Details, Inc. (Milpitas) (CAGE Code: 0SFV5)

Location: 1831 Tarob Court, Milpitas, CA 95035-6825, US

Plant Location: Same Address as Manufacturer

Manufacturer and Supplier Location Information

Manufacturer: Electro Plate Circuitry, Inc. (CAGE Code: 79616)

Location: 1430 Century Drive, Carrollton, TX 75006, US

Plant Location: Same Address as Manufacturer

Manufacturer: Electrotek Corp. (CAGE Code: 66030)

Location: 7745 S. 10th Street, Oak Creek, WI 53154, US

Plant Location: Same Address as Manufacturer

Manufacturer: Elreha Printed Circuits Corp. (CAGE Code: 59020)

Location: 2510 Terminal Drive, S., St. Petersburg, FL 33712-1669, US

Plant Location: Same Address as Manufacturer

Manufacturer: Eltek, Ltd (CAGE Code: S4451)

Location: P.O. Box 159, Sgoola Industrial Park, 49101 Petach-Tikva, Israel

Plant Location: Same Address as Manufacturer

Manufacturer: Endicott Interconnect Technologies, Inc. (CAGE Code: 3ECL3)

Location: 1701 North Street, Endicott, NY 13760-5553, US

Plant Location: Same Address as Manufacturer

Manufacturer: Firan Technology Group (CAGE Code: L2665)

Location: 250 Finchdene Square, Scarborough, Ontario M1X 1A5, Canada

Plant Location: Same Address as Manufacturer

Manufacturer: FTG Circuits (Chatsworth) (CAGE Code: 30803)

Location: 20750 Marilla Street, Chatsworth, CA 91311, US

Plant Location: Same Address as Manufacturer

Manufacturer: Global Innovations Corp. (CAGE Code: 04RV5)

Location: 901 Hensley Drive, Wylie, TX 75098-4909, US

Plant Location: Same Address as Manufacturer

Manufacturer: GPV Chemitalic (CAGE Code: R5192)

Location: A/S Egebjergvej 128 DK-8700, Horsens, Denmark

Plant Location: Same Address as Manufacturer

Manufacturer: GPV Printca A/S (CAGE Code: R2180)

Location: Svendborgvej 3, 9220 AalBorg Oest, Denmark

Plant Location: Same Address as Manufacturer

Manufacturer: Graphic Plc (CAGE Code: U4538)

Location: Lords Meadow Industrial Estate, Crediton, Devon, EX17 IHN, England

Plant Location: Same Address as Manufacturer

Manufacturer: Graphic Research, Inc. (CAGE Code: 5K529)

Location: 9334 Mason Avenue, Chatsworth, CA 91311-5201, US

Plant Location: Same Address as Manufacturer

Manufacturer: Hans Brockstedt GmbH (CAGE Code: C4831)

Location: Leiterplattenschnelldienst, Clara-Immerwahr-Strabe 7, 24145 Kiel, Germany

Plant Location: Same Address as Manufacturer

Manufacturer: Holaday Circuits, Inc. (CAGE Code: 59554)

Location: 11126 Bren Road, W., Minnetonka, MN 55343, US

Plant Location: Same Address as Manufacturer

Manufacturer and Supplier Location Information

Manufacturer: Hughes Circuits (CAGE Code: 1KXU6)

Location: 540 South Pacific Street, San Marcos, CA 92078-4056, US

Plant Location: Same Address as Manufacturer

Manufacturer: Hunter Technology (CAGE Code: 55536)

Location: 3305 Kifer Road, Santa Clara, CA 95051, US

Plant Location: Same Address as Manufacturer

Manufacturer: IMI, Inc. (CAGE Code: 78259)

Location: 140 Hilldale Avenue, Haverhill, MA 01830-3830, US

Plant Location: Same Address as Manufacturer

Manufacturer: Integrated Technology, Ltd. (ITL) Circuits (CAGE Code: 38747)

Location: 90 Don Park Road, Markham, On L3R 1C4, Canada

Plant Location: Same Address as Manufacturer

Manufacturer: Invotec Circuits Tamworth, Ltd. (CAGE Code: 0UT00)

Location: Hedging Lane, Dosthill, Tamworth, St B77 5HH, England

Plant Location: Same Address as Manufacturer

Manufacturer: ISU Petasys Corp. (CAGE Code: 1WFH9)

Location: 12930 Bradley Avenue, Sylmar, CA 91342, US

Plant Location: Same Address as Manufacturer

Manufacturer: Johns Hopkins University (CAGE Code: 88898)

Location: Applied Physics Laboratory (APL), 11100 Johns Hopkins Road, Laurel, MD 20723-6099, US

Plant Location: Same Address as Manufacturer

Manufacturer: KCA Electroics, Inc. (CAGE Code: 1VUH8)

Location: 223 N. Crescent Way, Anaheim, CA 92801, US

Plant Location: Same Address as Manufacturer

Manufacturer: L-3 Communications Corporation (CAGE Code: 62939)

Location: Electro Fab Division, 960 River Road, Croydon, PA 19021, US

Plant Location: Same Address as Manufacturer

Manufacturer: Lazer-Tech, Ltd. (CAGE Code: 38748)

Location: 33 Milford Drive, Unit 1, Scarborough, Ontario, Canada M1B 2G6

Plant Location: Same Address as Manufacturer

Manufacturer: Lockheed Martin Systems Integration (CAGE Code: 03640)

Location: 1801 State Route 17-C, Owego, NY 13827, US

Plant Location: Same Address as Manufacturer

Manufacturer: Marlo Electronics, Inc. (CAGE Code: 0BW72)

Location: 4007 NE 6th Avenue, Ft. Lauderdale, FL 33334, US

Plant Location: Same Address as Manufacturer

Manufacturer: Melta, Ltd. (CAGE Code: S8986)

Location: P.O. Box 609, 3 Hauai Street, Nazareth Illit 17000, Israel

Plant Location: Same Address as Manufacturer

Manufacturer: Merix Corp. (CAGE Code: 0MHG5)

Location: 355 Turtle Creek Court, San Jose, CA 95125-1316, US

Plant Location: Same Address as Manufacturer

Manufacturer and Supplier Location Information

Manufacturer: Metaplast Circuits, Ltd. (CAGE Code: 3AD63)

Location: 180 Hymus Road, Scarborough, On M1L 2E1, Canada

Plant Location: Same Address as Manufacturer

Manufacturer: Micom Circuits West (CAGE Code: 0KN48)

Location: 1609 West 17th Street, Tempe, AZ 85281-6227, US

Plant Location: Same Address as Manufacturer

Manufacturer: Micom Corp. (CAGE Code: 34076)

Location: 475 NW Eighth Avenue, New Brighton, MN 55112, US

Plant Location: Same Address as Manufacturer

Manufacturer: Micropack, Ltd. (CAGE Code: SAL28)

Location: Plot No. 16 Jigani Industrial Area, Anekal Taluk, Bangalore District 562 106, India

Plant Location: Same Address as Manufacturer

Manufacturer: Midwest Printed Circuits Services (CAGE Code: 0YYS4)

Location: 1741 Circuit Drive, Round Lake Beach, IL 60073, US

Plant Location: Same Address as Manufacturer

Manufacturer: Multilayer Technology-JVB Electronics (CAGE Code: 0JKV9)

Location: 3835 W. Conflans Road, Irving, TX 75061, US

Plant Location: Same Address as Manufacturer

Manufacturer: Network Circuits, Inc. (CAGE Code: 1QC83)

Location: 3210 Conflans Road, Irving, TX 75061, US

Plant Location: Same Address as Manufacturer

Manufacturer: North Texas Circuit Board (CAGE Code: 5S424)

Location: 1501 W. Shady Grove Road, Grand Prairie, TX 75050, US

Plant Location: Same Address as Manufacturer

Manufacturer: PCB Technologies (CAGE Code: S5725)

Location: P.O. Box 631, Migdal Haemek, 10556, Israel

Plant Location: Same Address as Manufacturer

Manufacturer: Philway Products, Inc. (CAGE Code: 21971)

Location: 701 Virginia Avenue, Ashland, OH 44805, US

Plant Location: Same Address as Manufacturer

Manufacturer: Pho-Tronics, Inc. (CAGE Code: 79243)

Location: 8701 West Bradley Road, Milwaukee, WI 53224-2817, US

Plant Location: Same Address as Manufacturer

Manufacturer: Pioneer Circuits, Inc (CAGE Code: 65723)

Location: 3000 S. Shannon Street, Santa Ana, CA 92704, US

Plant Location: Same Address as Manufacturer

Manufacturer: Pro-Tech Interconnect Solutions LLC (CAGE Code: 3CP65)

Location: 4300 Peavey Road, Chaska, MN 55318, US

Plant Location: Same Address as Manufacturer

Manufacturer: Prototron Circuits Southwest, Inc. (CAGE Code: 66108)

Location: 3760 East 43rd Place, Tucson, AZ 85713, US

Plant Location: Same Address as Manufacturer

Manufacturer and Supplier Location Information

Manufacturer: RJR Circuits, Inc. (CAGE Code: 66525)

Location: 1830 South Bannock Street, Denver, CO 80223, US

Plant Location: Same Address as Manufacturer

Manufacturer: Rockwell Collins (CAGE Code: 0EFD0)

Location: Division of Rockwell International, 460 Collins Road, N.E., Cedar Rapids, IA 52498-0001, US

Plant Location: Same Address as Manufacturer

Manufacturer: Ruwel AG/Werk Schoeller (CAGE Code: C2877)

Location: Spezialfabrik Fur Leiterplatten, Werk Schoeller, Marburger Strasse 65, D-35083 Wetter/Hessen, Germany

Plant Location: Same Address as Manufacturer

Manufacturer: Sanmina-SCI, Costa Mesa (CAGE Code: 3BKL5)

Location: 2945 Airway Avenue, Costa Mesa, CA 92626, US

Plant Location: Same Address as Manufacturer

Manufacturer: Sanmina-SCI, San Jose (CAGE Code: 3DR67)

Location: 2050 Bering Drive, San Jose, CA 95131, US

Plant Location: Same Address as Manufacturer

Manufacturer: Sierra Midwest, Inc. (CAGE Code: 1XKL9)

Location: P.O. Box 578, 3100 Santa Fe Avenue, Chanute, KS 66720-0578, US

Plant Location: Same Address as Manufacturer

Manufacturer: Sierra Proto Express (CAGE Code: 0ZHS4)

Location: 1108 W. Evelyn Avenue, Sunnyvale, CA 94086, US

Assembly Plant Location: Same Address as Manufacturer

Manufacturer: South Coast Circuits (CAGE Code: 3CXW3)

Location: 3506 W. Lake Center Drive, Suite A, Santa Ana, CA 92704, US

Plant Location: Same Address as Manufacturer

Manufacturer: Sovereign Circuits, Inc. (CAGE Code: 0GN71)

Location: P.O. Box 216, 12080 DeBartolo Drive, N. Jackson, OH 44451, US

Plant Location: Same Address as Manufacturer

Manufacturer: Speedy Circuits, Inc. (CAGE Code: 66982)

Location: 5331 McFadden Avenue, Huntington Beach, CA 92649-1204, US

Plant Location: Same Address as Manufacturer

Manufacturer: Streamline Circuits (CAGE Code: 3WUY3)

Location: 1410 Martin Avenue, Santa Clara, CA 95050, US

Plant Location: Same Address as Manufacturer

Manufacturer: Thales Nederland B.V. (CAGE Code: H0203)

Location: Department Bareboards & Substrates, Haaksbergerstraat 49, 7554RR Hengelo, The Netherlands

Plant Location: Same Address as Manufacturer

Manufacturer: Time Sensitive Circuits, Inc. (CAGE Code: 0BX48)

Location: 2 Industrial Way, Amesbury, MA 01913, US

Plant Location: Same Address as Manufacturer

Manufacturer: TTM Technologies (Redmond) (CAGE Code: 3EDZ0)

Location: 17550 67th Court, Redmond, WA 98052, US

Plant Location: Same Address as Manufacturer

Manufacturer and Supplier Location Information

Manufacturer: TTM Technologies (Santa Ana) (CAGE Code: 1WQ42)

Location: 2630 South Harbor Boulevard, Santa Ana, CA 92704, US

Plant Location: Same Address as Manufacturer

Manufacturer: TTM Technologies (Santa Clara) (CAGE Code: 65916)

Location: Santa Clara Division, 400 Matthew Street, Santa Clara, CA 95050, US

Plant Location: Same Address as Manufacturer

Manufacturer: TTM Technologies (Stafford) (CAGE Code: 5L706)

Location: P.O. Box 145, 4 Old Monson Road, Stafford, CT 06075, US

Plant Location: Same Address as Manufacturer

Manufacturer: U.S. Circuit, Inc. (CAGE Code: 66483)

Location: 1526 Sterling Court, Escondido, CA 92029, US

Plant Location: Same Address as Manufacturer

Manufacturer: Unicircuit, Inc. (CAGE Code: 66311)

Location: 8192 Southpark Lane, Littleton, CO 80120, US

Plant Location: Same Address as Manufacturer

Manufacturer: Universal Circuits, Inc. (CAGE Code: 45032)

Location: 8860 Zackery Lane, Maple Grove, MN 55369, US

Plant Location: Same Address as Manufacturer

Manufacturer: Valley Syncom Circuits (CAGE Code: 8W995)

Location: 24940 Avenue Tibbitts, Valencia, CA 91355-3426, US

Plant Location: Same Address as Manufacturer

Manufacturer: Vermont Circuits, Inc. (CAGE Code: 65200)

Location: P.O. Box 1890, 76 Technology Dr., Brattleboro, VT 05302, US

Plant Location: Same Address as Manufacturer

Manufacturer: Waytec Electronics Corp. (CAGE Code: 1ZJN7)

Location: P.O. Box 11765, Lynchburg, VA 24506-1765, US

Plant Location: 1104 McConville Road, Lynchburg, VA 24502, US

Manufacturer: Westak of Oregon (CAGE Code: 65745)

Location: 3941 24th Avenue, Forest Grove, OR 97116-2297, US

Plant Location: Same Address as Manufacturer

Manufacturer: WR-ALC/MAIPL (CAGE Code: 0RCH2)

Location: Avionics Management Directorate Production Div., 380 2nd Street, Suite 104, Robins AFB, GA 31098-1638, US

Plant Location: Same Address as Manufacturer

Manufacturer: W-Tek, Inc. (CAGE Code: 67370)

Location: 230 Irby Lane, Irving, TX 75061-7046, US

Plant Location: Same Address as Manufacturer